

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/35087

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>	
IPC(7) : C12N 15/11; C12Q 1/68; A61K 48/00 US CL : 536/23.1; 435/6; 514/44	
According to International Patent Classification (IPC) or to both national classification and IPC	
<b>B. FIELDS SEARCHED</b>	
Minimum documentation searched (classification system followed by classification symbols) U.S. : 536/23.1; 435/6; 514/44	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)	
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>	
Category *	Citation of document, with indication, where appropriate, of the relevant passages
X	PARRISH, S. et al. Functional Anatomy of a dsRNA Trigger: Differential Requirement for the Two Trigger Strands in RNA Interference. Molecular Cell. November 2000, vol 6, pages 1077-1087, especially figures 5 and 6.
X	ELBASHIR, S. et al. Functional Anatomy of siRNAs for mediating efficient RNAi in Drosophila melanogaster embryo lysate. The EMBO Journal. 2001, vol. 20, pages 6877-6888, see entire document.
X	GRIFFEY et al. 2'-O-Aminopropyl Ribonucleotides: A Zwitterionic Modification that Enhances the Exonuclease Resistance and Biological Activity of Antisense Oligonucleotides, Journal of Medicinal Chemistry 1996, Vol 39, pages 5100-5109, see entire document.
X	PITTS et al. Inhibition of human telomerase by 2'-O-methyl RNA Proceedings of the National Academy of Sciences of the USA September 1998, Vol 95, pages 11549-11554, see entire document
E,X	US 2003/0206887 A1 (MORRISSEY et al.) 6 November 2003 (6.11.2003), see entire document, particularly paragraphs 49-91.
	Relevant to claim No.
	1-13, 36-46, 69-76
	1-11, 14, 15, 18, 22, 36-44, 47, 48, 51, 55, 75, 76
	1, 11, 14, 15, 36, 44, 47, 48
	1-4, 7-11
	1-83
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.	
* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent published on or after the international filing date
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"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"Z"	document member of the same patent family
Date of the actual completion of the international search	
20 December 2004 (20.12.2004)	
Date of mailing of the international search report	
24 JAN 2005	
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